

# AVERAGE WEEKLY USE OF STUDENT STATIONS IN CLASS LABORATORIES

## TABLE 6

The average student station hours in laboratories is the ratio of total student hours of instruction in laboratories per week to the total number of student stations in available teaching rooms. The number of hours that the course meets each week is computed by rounding the class length to the nearest half hour and multiplying by the number of times the class meets weekly. This is then multiplied by the number of students enrolled. This figure is then divided by the total number of student stations in laboratories (capacity in available teaching labs).

It is expected that in an institution where the level of the course and the degree of specialization increase, such as in those institutions with graduate programs in agriculture and engineering, there will be a decrease in occupancy ratio.

"Daytime" utilization refers to all classes with beginning times between and including 0500 and 1659 (using a 24-hour clock); "nighttime" utilization applies to all classes with beginning times between and including 1700 and 0459. "All hours" is the sum of "daytime" and "nighttime" utilization.

Norm: 16 hours per week.

$$\text{Average Student Station Hours} = \frac{\text{Total Student Hours of Instruction in Laboratories}}{\text{Total Student Stations in Laboratories}}$$

Sample Data:

DAYS OF WEEK	TIME	ENROLLMENT	ROOM TYPE				
Mon	13:00 - 16:00	17	210	1 day	* 3 hours	* 17 =	51
Tues.	13:30 - 16:30	14	210	1 day	* 3 hours	* 14 =	42
Mon./Wed./Fri.	09:00 - 10:00	25	210	3 days	* 1 hour	* 25 =	75
Mon./Wed./Fri.	10:00 - 11:00	35	210	3 days	* 1 hour	* 35 =	105
Tues./Thurs.	11:00 - 12:30	30	210	2 days	* 1.5 hr	* 30 =	90
Wed.	11:00 - 14:00	29	210	1 day	* 3 hours	* 29 =	87
Fri.	11:00 - 14:00	21	210	1 day	* 3 hours	* 21 =	63
Mon.	13:00 - 16:00	22	210	1 day	* 3 hours	* 22 =	66
Wed.	18:00 - 21:00	13	210	1 day	* 3 hours	* 13 =	39
Mon.	19:00 - 22:00	16	210	1 days	* 3 hours	* 16 =	48
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							TOTAL 666

The last two classes in the sample data start after 17:00 which is considered nighttime, so 87 hours would be

used for the nighttime calculation. The remaining 579 would be used for the daytime calculation. 666 would be used for the calculation of all hours.

$$\begin{array}{rcl}
 \text{Daytime Student Hours in Class Laboratories} & = & 579 \\
 \hline
 \text{Total Student Stations in Class Laboratories} & = & 2457 \\
 & & = .2356 \\
 \\
 \text{Nighttime Student Hours in Class Laboratories} & = & 87 \\
 \hline
 \text{Total Student Stations in Class Laboratories} & = & 2457 \\
 & & = .0354 \\
 \\
 \text{Total Student Hours in Class Laboratories} & = & 666 \\
 \hline
 \text{Total Student Stations in Class Laboratories} & = & 2457 \\
 & & = .2710
 \end{array}$$

The report for one institution would look like this:

	FTE	No. of Stations	Daytime	Nighttime	All Hours
Institution	5,411	2,457	.2356	.0354	.2710

**TABLE 6**  
**AVERAGE WEEKLY USE OF STUDENT STATIONS**  
**IN CLASS LABORATORIES**

INSTITUTION		NUMBER OF STATIONS	DAYTIME	NIGHTTIME	ALL HOURS				
					1999	1998	1997	1996	1995
<b>PUBLIC FOUR YEAR INSTITUTIONS</b>		<b>FTE</b>							
LSU-A&M (Including Ag. & Law)	27,657	3,607	11.4	1.2	12.7	11.3	11.2	10.0	10.0
University of Louisiana in Lafayette	13,750	2,372	7.5	1.0	8.6	9.2	9.6	9.6	10.1
Southeastern Louisiana University	12,795	1,389	14.0	1.1	15.2	16.4	15.0	14.6	19.1
University of New Orleans	11,418	1,426	7.2	1.0	8.2	7.3	7.7	8.0	8.1
Louisiana Tech University	8,964	2,020	7.6	0.3	7.9	9.0	8.9	8.2	8.2
University of Louisiana in Monroe	8,778	2,431	9.0	1.0	10.0	15.1	15.2	12.7	13.9
Southern University A&M	8,739	2,768	**	**	**	9.4	9.6	9.1	9.9
Northwestern State University	7,656	3,046	6.7	2.1	8.9	7.3	6.5	6.7	6.8
McNeese State University	6,607	2,055	6.0	0.7	6.8	4.7	4.8	4.8	6.7
Nicholls State University	6,245	2,007	5.4	0.4	5.9	6.0	6.1	5.6	6.7
Grambling State University	4,373	1,545	7.7	0.1	7.9	6.0	4.9	9.5	6.1
Southern University at New Orleans	3,064	1,107	9.7	3.2	13.0	8.1	6.1	8.2	5.8
LSU in Shreveport	2,911	351	**	**	**	4.9	4.3	4.5	4.5
<b>PUBLIC TWO YEAR INSTITUTIONS</b>									
Delgado Community College	8,367	2,465	7.0	2.7	9.8	11.0	12.6	11.4	10.9
LSU at Eunice	2,022	351	8.4	0.7	9.2	7.4	7.9	8.0	7.1
Baton Rouge Community College	1,569	354	9.5	2.7	12.2				
LSU at Alexandria	1,485	321	5.7	0.3	6.1	5.4	4.9	3.9	4.7
Elaine P. Nunez Community College	1,282	424	**	**	**	**	**	13.8	13.6
Southern University at Shreveport	1,033	536	3.1	0.5	3.7	3.4	4.8	6.5	5.6

\*DOES NOT INCLUDE SATURDAY CLASSES

\*\*NOT AVAILABLE

## AVERAGE WEEKLY USE OF STUDENT STATIONS IN CLASS LABORATORIES (TABLE 6) 1999

